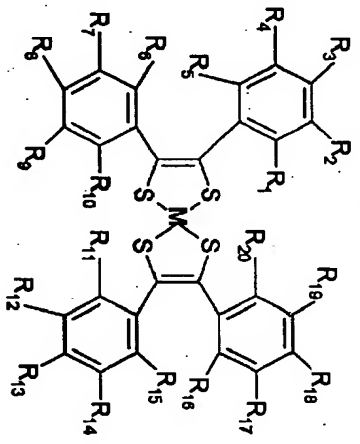


<p>2000-492775/44 E12 G08 (E23) MITA 1998.11.20 mitsui chem inc *JP 2000155439-A 1998.11.20 1998-330392(+1998JP-330392) (2000.06.06) G03G 9/08, C09K 3/00 An absorber of infrared rays for a toner and a toner containing this absorber C2000-148334</p>	<p>E(5-L2C, 5-L3B, 5-M, 5-N) G(6-G5)</p>
<p><u>NOVELTY</u> An electrophotographic toner contains an absorber of infrared rays.</p> <p><u>DETAILED DESCRIPTION</u> The absorber is of formula (1).</p>	<div data-bbox="1039 1113 1396 1554"></div> <p>(1)</p> <p>R₁ through R₂₀ = H, halogen, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted aryl, optionally substituted aryloxy, alkylamino, dialkylamino, arylamino, or diarylamino; M = a metal atom.</p> <p><u>USE</u> This toner is intended for flash fixing.</p> <p>JP 2000155439-A+</p>

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ADVANTAGE

High efficiency of optical energy absorption and light/heat conversion is attained. This toner has excellent toner fixing property.

EXAMPLE

The amount of the absorber to add is 0.01 - 50 wt% per the binding resin. The binding resin typically includes polystyrene, polyester, epoxy, polyamide, and phenol.

DEFINITIONS

Preferrred Definitions: In formula (1),
R₁ through R₂₀ = H, alkyl, or alkoxy, respectively. M is Ni, Pd, Pt, or Cu.
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